

ASSISTANT COMMISSIONER FOR PATENTS

WASHINGTON, D.C. 20231

ATTENTION: BOX PATENT APPLICATION

Sir:

Transmitted herewith for filing is the patent application of

Inventors: **Frank P. Wolter, Petra Jorasch, Ernst Heinz, and Ulrich Zähringer**For: **PROCESSIVE SUGAR TRANSFERASE**

jc658 U.S. PRO
09/668788
09/22/00

This application is a Continuation-in-Part Application of International Application No. PCT/DE99/00857, filed March 25, 1999, which claims priority to German Patent No. 198 13 017.1, filed March 25, 1998 and German Patent No. 198 19 958.9, filed May 5, 1998.

Enclosed are:

- (X) Thirteen (13) sheets of drawings.
- (X) Tables 1, 2 and 3 - Three (3) pages
- (X) Sequence Listing (hard copy only) - Five (5) pages
- (X) Preliminary Amendment
- (X) Return prepaid postcard.

CLAIMS AS FILED, As preliminarily amended

FOR	NUMBER FILED	NUMBER EXTRA	RATE	FEE
Basic Fee			\$690	\$690
Total Claims	15 - 20 =	0 ×	\$18	\$0
Independent Claims	4 - 3 =	1 ×	\$78	\$78
If application contains any multiple dependent claims(s), then add			\$260	\$260
TOTAL FILING FEE		\$1,028		

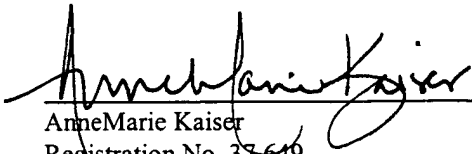
- (X) A check in the amount of \$1,028 to cover the filing fee is enclosed.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, now or in the future, or credit any overpayment to Account No. 11-1410. A duplicate copy of this sheet is enclosed.

Attorney Docket No. MAIWAM2.001CP1

Date: September 22, 2000

Page 2

(X) Please use Customer No. 20,995 for the correspondence address.


AnneMarie Kaiser
Registration No. 37,649
Attorney of Record

S:\DOCS\AOK\AOK-4894.DOC:dmr 092200

INTELLECTUAL PROPERTY LAW
KNOBBE, MARTENS, OLSON & BE

A LIMITED LIABILITY PARTNERSHIP INCLUDING
PROFESSIONAL CORPORATIONS

PATENT, TRADEMARK AND COPYRIGHT CAUSES

550 WEST C STREET

SUITE 1200

SAN DIEGO, CALIFORNIA 92101-3505

(619) 235-8550

FAX (619) 235-0176

INTERNET: WWW.KMOB.COM

LOUIS J. KNOBBE*
DON W. MARTENS*
GORDON H. OLSON*
JAMES B. BEAR
DARRELL L. OLSON*
WILLIAM B. BUNKER
WILLIAM H. NIEMAN
ARTHUR S. ROSE
JAMES F. LESNIAK
NED A. ISRAELSEN
DREW S. HAMILTON
JERRY T. SEWELL
JOHN B. SGANGA, JR.
EDWARD A. SCHLATTER
GERARD VON HOFFMANN
JOSEPH R. RE
CATHERINE J. HOLLAND
JOHN M. CARSON
KAREN VOGEL WEIL
ANDREW H. SIMPSON
JEFFREY L. VAN HOOSEAR
DANIEL E. ALTMAN
MARGUERITE L. GUNN
STEPHEN C. JENSEN
VITO A. CANUSO III
WILLIAM H. SHREVE
LYNDA J. ZADRA-SYMES*
STEVEN J. NATAUPSKY
PAUL A. STEWART
JOSEPH F. JENNINGS
CRAIG S. SUMMERS
ANNEMARIE KAISER

BRENTON R. BABCOCK
THOMAS F. SMEGAL, JR.
MICHAEL H. TRENHOLM
DIANE M. REED
JONATHAN A. BARNEY
RONALD J. SCHOENBAUM
JOHN R. KING
FREDERICK S. BERRETTA
NANCY WAYS VENSKO
JOHN P. GIEZTANNER
ADEEL S. AKHTAR
GINGER R. DREGER
THOMAS R. ARNO
DAVID N. WEISS
DANIEL HART, PH.D.
DOUGLAS G. MUEHLHAUSER
LORI LEE YAMATO
MICHAEL K. FRIEDLAND
STEPHEN M. LOBBIN
STACEY R. HALPERN
DALE C. HUNT, PH.D.
LEE W. HENDERSON, PH.D.
DEBORAH S. SHEPHERD
RICHARD E. CAMPBELL
MARK M. ABUMERI
JON W. GURKA
ERIC M. NELSON
MARK R. BENEDICT, PH.D.
PAUL N. CONOVER
ROBERT J. ROBY
SABING H. LEE
KAROLINE A. DELANEY

JOHN W. HOLCOMB
JAMES J. MULLEN, III, PH.D.
JOSEPH S. CIANFRANI
JOSEPH M. REISMAN, PH.D.
WILLIAM R. ZIMMERMAN
GLEN L. NUTTALL
ERIC S. FURMAN, PH.D.
TIRZAH ABE LOWE
GEOFFREY Y. IIDA
ALEXANDER S. FRANCO
SANJIVPAL S. GILL
SUSAN M. MOSS
JAMES W. HILL, M.D.
ROSE M. THIESSEN, PH.D.
MICHAEL L. FULLER
MICHAEL A. GUILIANA
MARK J. KERTZ
RABINDER N. NARULA
BRUCE S. ITCHKAWITZ, PH.D.
PETER M. MIDDLEY
THOMAS S. MCCLENAHAN
MICHAEL S. OKAMOTO
JOHN M. GROVER
MALLARY K. DE MERLIER
IRFAN A. LATEEF
AMY C. CHRISTENSEN
SHARON S. NG
MARK J. GALLAGHER, PH.D.
DAVID G. JANKOWSKI, PH.D.
BRIAN C. HORNE
PAYSON J. LEMEILLEUR
DIANA W. PRINCE

OF COUNSEL
JERRY R. SEILER
PAUL C. STEINHARDT
JAPANESE PATENT ATTY
KATSUHIRO ARAI**
EUROPEAN PATENT ATTY
MARTIN HELLEBRANDT
KOREAN PATENT ATTY
MINCHEOL KIM
SCIENTISTS & ENGINEERS
(NON-LAWYERS)
RAIMOND J. SALENIEKS**
DANIEL E. JOHNSON, PH.D.**
JEFFERY KOEPKE, PH.D.**
KHURRAM RAHMAN, PH.D.
JENNIFER A. HAYNES, PH.D.
BRENDAN P. O NEILL, PH.D.
THOMAS Y. NAGATA
YASHWANT VAISHNAV, PH.D.
MEGUMI TANAKA
CHE S. CHERESKIN, PH.D.**
ERIK W. ARCHBOLD
PHILIP C. HARTSTEIN
JULIE A. HOPPER
CHRIS S. CASTLE
JAMES W. AUSLEY
R. P. CARON, PH.D.
JENNIFER HAYES
KIRK E. PASTORIAN, PH.D.
CHARLES T. RIDGELY
KEITH R. MCCOLLUM
BONNY YEUNG, PH.D.

* A PROFESSIONAL CORPORATION
** ALSO BARRISTER AT LAW (U.K.)
** U.S. PATENT AGENT

Assistant Commissioner for Patents
Washington, D.C. 20231

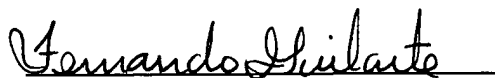
CERTIFICATE OF MAILING BY "EXPRESS MAIL"

Attorney Docket No. : MAIWAM2.001CP1
Applicants : Frank P. WOLTER et al.
For : PROCESSION SUGAR TRANSFERASE
Attorney : AnneMarie Kaiser
"Express Mail"
Mailing Label No. : EL587856852US
Date of Deposit : September 22, 2000

I hereby certify that the accompanying

Transmittal in Duplicate; Preliminary Amendment; Specification in 34 pages; 13 sheets of drawings; Three (3) sheets of Tables 1, 2 and 3; Sequence Listing in five (5) pages (hard copy); Check for Filing Fee; and Return Prepaid Postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.


Fernando Guilarte

S:\DOCS\AOK\AOK-4897.DOC:dmr 092100

201 CALIFORNIA STREET
SUITE 1150
SAN FRANCISCO, CALIFORNIA 94111
(415) 954-4114
FAX (415) 954-4111

620 NEWPORT CENTER DRIVE
SIXTEENTH FLOOR
NEWPORT BEACH, CALIFORNIA 92660
(949) 760-0404
FAX (949) 760-9502

3801 UNIVERSITY AVENUE
SUITE 710
RIVERSIDE, CALIFORNIA 92501
(909) 781-9231
FAX (909) 781-4507

1900 AVENUE OF THE STARS
SUITE 1425
LOS ANGELES, CALIFORNIA 90067
(310) 551-3450
FAX (310) 551-3459